

# Williams Everlastic® Closed Cell Neoprene Types NN-1, NN-2, NN-3, NN-4, NN-5

This is a closed cell expanded neoprene rubber that is black in color.

## Details

### COMPATIBILITY

Excellent physical properties including: abrasion, low temperature, and resistance to petroleum base fluids.

### CONTACT US

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## Typical Physical Properties

PRODUCT DESIGNATION	1040 NN-1	1050 NN-2	1060 NN-3	1070 NN-4	1080 NN-5
ASTM Designation: D <b>1056</b> D <b>1056</b> D <b>1056</b> Suffix Letters	SCE - 41 RE - 41 2C1 CE1 P2MP	SCE - 42 RE - 42 2C2	SCE - 43 RE - 43 2C3	SCE - 44 RE - 44 2C4	SCE - 45 RE - 45 2C5
MIL R - 6130 C Type / <b>Grade</b> <b>Condition</b>	II - A Soft	II - A Soft - Medium	II - A Medium	II - A Medium - Firm	II -A Firm
Physical Properties: Color	Black (Gray)	Black (Gray)	Black (Gray)	Black (Gray)	Black
Compression - Deflection <b>25% defl. (psi.)</b> <b>(kN/m2)</b>	2-5 (14-35)	5 - 9 (35 - 63)	9 - 13 (63 - 91)	13 - 17 (91 - 119)	17 - 25 (119 - 168)
Ultimate Tensile Strength	75 psi	100 psi	100 psi	150 psi	150 psi
Elongation: Typical Properties	175%	175%	200%	150%	125%
Density: <b>lb/ft3</b>	6 ± 2 .10 ± 03	7 ± 2 .11 ± 03	10 ± 2 .16 ± 03	20 ± 4 .32 ± 06	24 ± 6 .12 ± 02

<b>PRODUCT DESIGNATION</b>	<b>1040 NN-1</b>	<b>1050 NN-2</b>	<b>1060 NN-3</b>	<b>1070 NN-4</b>	<b>1080 NN-5</b>
<b>Fluid Immersion: 7 days @ 73°</b> <b>F</b> <b>Ref. Fuel B, weight change max. %</b>	5%	5%	5%	5%	5%
<b>Accelerated Aging: 7 days @ 73°</b> <b>F</b> <b>Flexibility: 180 ° bend without cracking</b> <b>Change in compression - deflection</b>	Pass ± 30%	Pass ± 30%	Pass ± 30%	Pass ± 30%	Pass ± 30%
<b>Maximum Weight %</b>	5	5	5	5	5
<b>Odor</b>	No objectionable odor	No objectionable odor	No objectionable odor	No objectionable odor	No objectionable odor
<b>Service Temperature</b> <b>Low</b> <b>High Continuous</b>	negative 40°F 200°F	negative 40°F 200°F	negative 40°F 200°F	negative 40°F 200°F	negative 40°F 200°F